



## Local Situation Report

Prepared: 7-24-14 @ 0930

Local	GACC	Nat'l
1	1	3

**Today's Fire Danger**  
**Moderate/High**

## INCIDENT SUMMARY for Yesterday

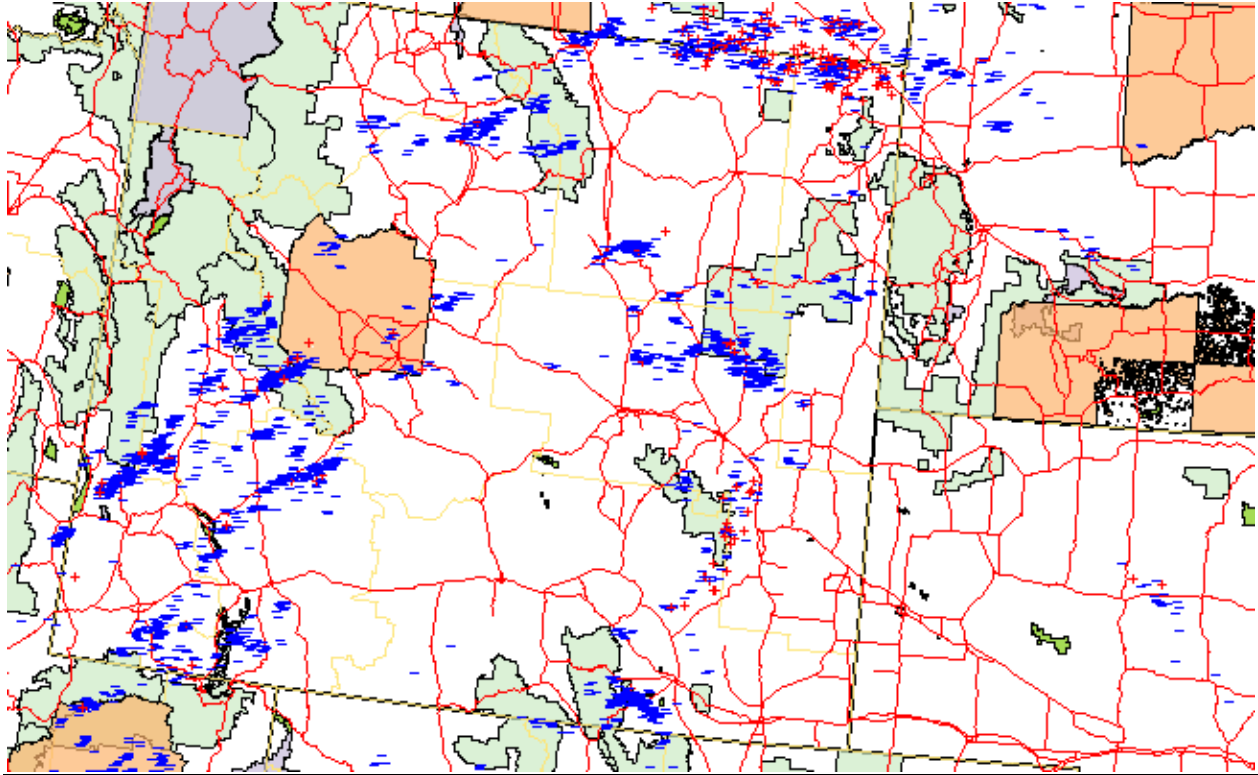
COUNTY AND STATE FIRES						
<u>Unit</u>	<u>Inc Name</u>	<u>Size</u>	<u>Cause</u>	<u>Status</u>	<u>Location</u>	<u>Remarks</u>
CMX	North 59	6	L	Contained	56N 71W	County resources took care of this fire
CMX	Duck Creek	5	Unk	Active	56N 69W 32	Tatanka, BKF-681

MED BOW NATIONAL FOREST						
<u>Unit</u>	<u>Inc Name</u>	<u>Size</u> (Acres)	<u>Cause</u>	<u>Status</u>	<u>Location</u>	<u>Remarks</u>

WHPD BLM						
<u>Unit</u>	<u>Inc Name</u>	<u>Size</u>	<u>Cause</u>	<u>Status</u>	<u>Location</u>	<u>Remarks</u>

**Area Discussion:**

2 new fires in Campbell County. Thunderstorms with some lightning moved across the zone overnight.

**Lightning Map****INDICES (forecasted/actual)**

<b><u>FDRA</u></b>	<b>Predicted Today 7/24/14</b>		
	<b>Indices</b>	<b>Forecasted for 7/24</b>	<b>Actual for 7/23</b>
Echeta	BI	80	93
Rochelle Hills	BI	101	67
Rochelle Hills	ERC	20	12
Poker Creek	ERC	64	62
Casper Mtn	ERC	67	68
Fales Rock	BI	117	127
Sandstone	ERC	N/A	75
Esterbrook	ERC	53	46
Sawmill Park	ERC	48	48

## Duty Officers for Today:

<b><u>Duty Officers</u></b>	FS - Laramie	<b>Gonnoud</b>
	FS - Saratoga	<b>Rogge</b>
	FS - Douglas	<b>Westbrook</b>
	BLM	<b>Short</b>
	State	<b>Graham</b>
	FS – MBF NF	<b>Miller</b>
	Dispatch	<b>Fortner</b>

<b>Local Aviation Resources</b>		Location	Status
	2TJ (Duncan) State	<b>Gillette</b>	<b>Avail</b>
	2HX (Rawlins) BLM	<b>Out of area</b>	<b>Committed</b>

## Pumpkin Time for Aircraft for Today:

	Sunrise	Sunset	Pumpkin Time
Gillette	0541	2036	<b>2106</b>
Casper	0549	2034	<b>2104</b>
Glenrock	0547	2133	<b>2103</b>
Laramie	0550	2027	<b>2057</b>

## Fire Restriction for the zone:

Agency	Date	Closed	Remarks
WEX	7/10		Weston Cnt open burning restrictions
BLM	7/10		BLM Lands Weston County
SHX	7/28		Open burning restrictions

# Weather Discussion

WYZ280 -  
NATRONA COUNTY/CASPER BLM

EXTREME FIRE WEATHER CONDITIONS CONTINUE TODAY AND LAST THROUGH FRIDAY EVENING FOR ZONES 280 285 AND 300. PLEASE SEE THE RED FLAG WARNING AND FIRE WEATHER WATCH PRODUCTS FOR FURTHER DETAILS. TEMPERATURES WILL BE SIMILAR TO SLIGHTLY COOLER TODAY WITH HIGHS MOSTLY RANGING INTO THE MID 70S TO NEAR 80 IN THE MOUNTAINS TO NEAR 100 AT LOWER ELEVATIONS. WINDS WILL TEND OUT OF THE SOUTHWEST AT 15 TO 25 MPH WITH GUSTS OF 25 TO 35 MPH POSSIBLE THIS AFTERNOON. MINIMUM RELATIVE HUMIDITY VALUES WILL RANGE FROM UPPER SINGLE DIGITS AT LOWER ELEVATIONS TO NEAR 25 PERCENT IN THE MOUNTAINS. THERE WILL BE AN ISOLATED CHANCE FOR FOR A SHOWER OR THUNDERSTORM TODAY...ESPECIALLY ACROSS ZONES 280 289 AND 300. FRIDAY...EXPECT MUCH COOLER CONDITIONS WITH HIGHS DROPPING 5 TO 10 DEGREES OVER THOSE ON THURSDAY. HOWEVER...WARM WINDY AND DRY WEATHER WILL CONTINUE FOR ANOTHER DAY...KEEPING FIRE DANGER IN THE EXTREME CATEGORY. LITTLE IF ANY CHANCE FOR PRECIPITATION WILL OCCUR FRIDAY.

**...RED FLAG WARNING IN EFFECT UNTIL 9 PM MDT FRIDAY...**

## **.TODAY...**

SKY/WEATHER.....PARTLY CLOUDY. ISOLATED SHOWERS. ISOLATED THUNDERSTORMS AFTER 1200. SOME THUNDERSTORMS MAY PRODUCE GUSTY WINDS AFTER 1200. CHANCE OF PRECIPITATION 20 PERCENT.  
MAX TEMPERATURE.....93-98.  
MIN HUMIDITY.....8-14 PERCENT.  
20-FOOT WINDS.....BREEZY. SOUTHWEST WINDS 15 TO 20 MPH WITH GUSTS TO AROUND 30 MPH UNTIL 1200...THEN AROUND 25 MPH WITH GUSTS TO AROUND 40 MPH.  
RIDGE TOP WINDS.....SOUTHWEST 25 TO 30 MPH.  
LAL.....1 UNTIL 1200...THEN 3.  
CHC OF WETTING RAIN.5 PERCENT.  
TRANSPORT WINDS.....SOUTHWEST 25 TO 30 MPH UNTIL 1200...THEN 30 TO 35 MPH.  
HAINES INDEX.....5 OR MODERATE POTENTIAL FOR LARGE PLUME DOMINATED FIRE GROWTH.

## **.TONIGHT...**

SKY/WEATHER.....MOSTLY CLEAR. ISOLATED SHOWERS AND THUNDERSTORMS UNTIL 2400. SOME THUNDERSTORMS MAY PRODUCE GUSTY WINDS UNTIL 2400. CHANCE OF PRECIPITATION 20 PERCENT.  
MIN TEMPERATURE.....54-59.  
MAX HUMIDITY.....68-74 PERCENT.  
20-FOOT WINDS.....WEST WINDS 15 TO 20 MPH WITH GUSTS TO AROUND 30 MPH UNTIL 2400...THEN NORTHWEST AROUND 10 MPH UNTIL 0300...THEN DOWNSLOPE/DOWNVALLEY 4-7 MPH.  
RIDGE TOP WINDS.....WEST AROUND 25 MPH UNTIL 2100...THEN NORTHWEST AROUND 15 MPH UNTIL 0300...THEN NORTH.  
LAL.....2 UNTIL 2400...THEN 1.  
CHC OF WETTING RAIN.ZERO PERCENT.  
TRANSPORT WINDS.....WEST AROUND 30 MPH UNTIL 2100...THEN NORTHWEST 15 TO 20 MPH UNTIL 0300...THEN NORTH.  
HAINES INDEX.....5 OR MODERATE POTENTIAL FOR LARGE PLUME DOMINATED FIRE GROWTH.

# Weather Discussion

WYZ301 -

NIOBRARA/LOWER ELEVATIONS OF CONVERSE/THUNDER BASIN NATIONAL  
GRASSLAND

DISCUSSION...A RED FLAG WARNING IS IN EFFECT FOR MAINLY THE LOWER  
ELEVATIONS OF CONVERSE COUNTY. ALTHOUGH NIOBRARA COUNTY IN ZONE 301  
WILL ALSO BE RATHER DRY WITH GUSTY WINDS...EXPECT THE STRONGEST WINDS  
AND LOWEST HUMIDITIES TO BE FURTHER WEST NEAR INTERSTATE 25.  
OTHERWISE...DRY CONDITIONS WILL CONTINUE INTO SATURDAY BEFORE A  
COLD FRONT MOVES ACROSS THE AREA THIS WEEKEND. HIGHER HUMIDITIES  
AND MUCH LOWER TEMPERATURES ARE EXPECTED BY SUNDAY WITH MONSOON  
MOISTURE RETURNING TO THE REGION BY NEXT WEEK.

**...RED FLAG WARNING IN EFFECT FROM 9 AM THIS MORNING TO 6 PM MDT**  
THIS EVENING...

## **.TODAY...**

SKY/WEATHER.....PARTLY CLOUDY. ISOLATED SHOWERS AND  
THUNDERSTORMS AFTER 1200.  
MAX TEMPERATURE.....96-101.  
MIN HUMIDITY.....10-16 PERCENT.  
20-FOOT WINDS.....BREEZY. WEST UP TO 25 MPH BECOMING 10 TO 20 MPH  
IN THE AFTERNOON. GUSTS UP TO 35 MPH.  
LAL.....1 UNTIL 1200...THEN 2.  
CHC OF WETTING RAIN.ZERO PERCENT.  
TRANSPORT WINDS.....WEST AROUND 15 MPH INCREASING TO AROUND 25 MPH  
IN THE AFTERNOON.  
MIXING HEIGHT.....7500-8200 FT AGL INCREASING TO 14600-15300 FT  
AGL IN THE AFTERNOON.  
SMOKE DISPERSAL.....VERY GOOD (103900 KNOT-FT) INCREASING TO  
EXCELLENT (294700 KNOT-FT) IN THE AFTERNOON.  
HAINES INDEX.....5 OR MODERATE POTENTIAL FOR LARGE PLUME  
DOMINATED FIRE GROWTH.

## **.TONIGHT...**

SKY/WEATHER.....PARTLY CLOUDY. ISOLATED SHOWERS AND  
THUNDERSTORMS UNTIL 2100.  
MIN TEMPERATURE.....58-63.  
MAX HUMIDITY.....66-72 PERCENT.  
20-FOOT WINDS.....NORTHWEST 10 TO 20 MPH. GUSTS UP TO 35 MPH  
DECREASING TO 25 MPH AFTER MIDNIGHT.  
LAL.....2 UNTIL 2400...THEN 1.  
CHC OF WETTING RAIN.ZERO PERCENT.  
TRANSPORT WINDS.....NORTHWEST 10 TO 15 MPH.  
MIXING HEIGHT.....7800-8800 FT AGL DECREASING TO 600-2200 FT AGL  
AFTER MIDNIGHT.  
SMOKE DISPERSAL.....VERY GOOD (120700 KNOT-FT) DECREASING TO POOR  
(14500 KNOT-FT) AFTER MIDNIGHT.  
HAINES INDEX.....4 OR LOW POTENTIAL FOR LARGE PLUME DOMINATED  
FIRE GROWTH.

# Weather Discussion

WYZ307 -  
SNOWY RANGE/MEDICINE BOW NF

DISCUSSION...A RED FLAG WARNING IS IN EFFECT FOR MAINLY THE LOWER ELEVATIONS OF CONVERSE COUNTY. ALTHOUGH NIOBRARA COUNTY IN ZONE 301 WILL ALSO BE RATHER DRY WITH GUSTY WINDS...EXPECT THE STRONGEST WINDS AND LOWEST HUMIDITIES TO BE FURTHER WEST NEAR INTERSTATE 25. OTHERWISE...DRY CONDITIONS WILL CONTINUE INTO SATURDAY BEFORE A COLD FRONT MOVES ACROSS THE AREA THIS WEEKEND. HIGHER HUMIDITIES AND MUCH LOWER TEMPERATURES ARE EXPECTED BY SUNDAY WITH MONSOON MOISTURE RETURNING TO THE REGION BY NEXT WEEK.

## .TODAY...

SKY/WEATHER.....PARTLY CLOUDY UNTIL 0900...THEN MOSTLY CLOUDY UNTIL 1500...THEN PARTLY CLOUDY. ISOLATED SHOWERS AFTER 0900 UNTIL 1200. SLIGHT CHANCE OF THUNDERSTORMS AFTER 0900. SCATTERED SHOWERS AFTER 1200.

MAX TEMPERATURE.....71-79.

MIN HUMIDITY.....29-35 PERCENT.

20-FOOT WINDS.....BREEZY. SOUTHWEST 10 TO 25 MPH WITH GUSTS TO AROUND 45 MPH.

LAL.....1 UNTIL 0900...THEN 2.

CHC OF WETTING RAIN.10 PERCENT.

TRANSPORT WINDS.....SOUTHWEST AROUND 25 MPH.

MIXING HEIGHT.....4600-5100 FT AGL INCREASING TO 9100-10400 FT AGL IN THE AFTERNOON.

SMOKE DISPERSAL.....VERY GOOD (101200 KNOT-FT) INCREASING TO EXCELLENT (229100 KNOT-FT) IN THE AFTERNOON.

HAINES INDEX.....3 OR VERY LOW POTENTIAL FOR LARGE PLUME DOMINATED FIRE GROWTH.

## .TONIGHT...

SKY/WEATHER.....MOSTLY CLOUDY UNTIL 2100...THEN PARTLY CLOUDY. ISOLATED SHOWERS AND THUNDERSTORMS UNTIL 2100.

MIN TEMPERATURE.....49-54.

MAX HUMIDITY.....68-74 PERCENT.

20-FOOT WINDS.....SOUTHWEST 10 TO 20 MPH WITH GUSTS TO AROUND 35 MPH.

LAL.....2 UNTIL 2400...THEN 1.

CHC OF WETTING RAIN.ZERO PERCENT.

TRANSPORT WINDS.....SOUTHWEST 15 TO 20 MPH.

MIXING HEIGHT.....4500-5100 FT AGL DECREASING TO 300 FT AGL AFTER MIDNIGHT.

SMOKE DISPERSAL.....GOOD (88600 KNOT-FT) DECREASING TO POOR (4400 KNOT-FT) AFTER MIDNIGHT.

HAINES INDEX.....2 OR VERY LOW POTENTIAL FOR LARGE PLUME DOMINATED FIRE GROWTH.